IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	In re U.S. Appl	ication of:)			
	Applicant(s):	Hamada et al.) I hereby certify that this paper is being deposited with the States Postal Service as FIRST-CLASS mail in an e			
RE.	Caerial No.:	09/656,692	1	ddressed to: Commissioner for Patents, P.O. Box 1450,		
O ,	No.:	2392	May 14, 2004			
PATENT &	File:	September 7, 2000) Date Attorney for Applicant(s)) Registration No. 41,895			
	PHASE OF CLOCK SIGNAL BASED ON PHASE ERROR CALCULATED FROM SAMPLED VALUES OF READOUT SIGNAL (As amended) Art Unit: 2653		RECEIVE: MAY 2 1 2004 Technology Center 2			
•	Examiner:	Psitos, Aristotelis M.)			
	Commissioner	for Patents				

AMENDMENT TRANSMITTAL

Alexandria, VA 22313-1450 Sir:

P.O. Box 1450

Transmitted herewith is a communication regarding the above-identified application.

Fee Calculation For Claims As Amended

	As	Previously	Present		Additional		
	Amended	Paid For	Extra	Rate	Fee		
Total Claims	20	20	$= 0 \cdot x$	\$18.00	= \$ -0-		
Independent Claims	3	- 3	= 0 x		= \$ -0-		
Fee for Multiple Dependent Claims				\$290.00	= \$ -0-		
r oo tor manupio 2 opone	•	To	otal Additional Fee		\$ -0-		
			e (reduced by half	_	\$ -0-		
(X) Amendment \underline{A} .		Oman Emily 10	e (reduced by har	• •	Ψ		
() A check in the amount of \$ is attached.							
() Petition for Extension of Time (in duplicate), with check in the amount of \$							
() Charge \$	Charge \$ to Deposit Account No. 07-2069.						
(X) If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.							
(X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application							

under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet

Respectfully submitted,

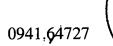
300 South Wacker Drive -Suite 2500

Chicago, Illinois 60606 Telephone: (312) 360-0080 Facsimile: (312) 360-9315 Customer Number 24978

is enclosed.

GREER, BURNS & CRAIN, LTD.

B. Joe'Kim () Registration No. 41,895





In re U.S. A	pplication of:)	5.2 I hereby certify that this paper is being deposited with the			
Applicant(s): Hamada et al.			States Postal Service as FIRST-CLASS mail in an envel addressed to: Commissioner for Patents, P.O. Box 1-Alexandria, VA 22313-1450, on this plate.			
Serial No.: 09/656,692)	May 14, 2004 P. 161			
Conf. No.:	Conf. No.: 2392		Date Attorney for Applicant(s) Registration No. 41,895			
Filed:	September 7, 2000)				
PHAS ON PI FROM REAL	RATUS FOR ADJUSTING SE OF CLOCK SIGNAL BASED HASE ERROR CALCULATED M SAMPLED VALUES OF DOUT SIGNAL amended)		RECEIVED MAY 2 1 2004 Technology Center 2600			
Art Unit:	2653)				
Examiner:	Psitos, Aristotelis M.)				

AMENDMENT A

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated February 17, 2004, please amend the above-identified Application as follows: